



Attorney Docket No.: CYPR-CD00202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Patent Application

Inventor(s): James Shutt and Harold Kutz

Serial No.: 09/977,111

Group Art Unit:

Filed: 10/11/01

Examiner:

Title: A FREQUENCY DOUBLER CIRCUIT WITH TRIMMABLE CURRENT CONTROL

Form 1449**U.S. Patent Documents**

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|-----------------|-------|-----------|-------------|
| DM | A | 6,144,327 | 11/07/00 | Distinti et al. | 341 | 126 | 08/12/97 |
| DM | B | 5,202,687 | 04/13/93 | Distinti | 341 | 158 | 06/12/91 |
| | C | | | | | | |
| | D | | | | | | |
| | E | | | | | | |
| | F | | | | | | |
| | G | | | | | | |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| | H | | | | | | | |
| | I | | | | | | | |
| | J | | | | | | | |

Related Pending US Patent Applications

| Examiner Initial | No. | Docket Number, Title, Filing Date, Serial Number & Inventors |
|-----------------------------------|-----|---|
| DM | K | CYPR-CD00196; "A NOVEL BAND-GAP CIRCUIT FOR PROVIDING AN ACCURATE REFERENCE VOLTAGE COMPENSATED FOR PROCESS STATE, PROCESS VARIATIONS AND TEMPERATURE"; 09/26/01; 09/964,991; Kutz et al. |
| DM | L | CYPR-CD00201; "A CRYTAL-LESS OSCILLATOR CIRCUIT WITH TRIMMABLE ANALOG CURRENT CONTROL FOR INCREASED STABILITY "; 09/19/01; 09/957,084; Mar et al. |
| Examiner /David Mis/ (09/26/2006) | | Date Considered 09/26/2006 |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.



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Title: A FREQUENCY DOUBLER CIRCUIT WITH TRIMMABLE CURRENT CONTROL

The Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

Information Disclosure Statement Submitted Pursuant to 37 C.F.R. 1.97(b)

The citations referenced herein, copies attached, may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure as defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in the application.

This Information Disclosure Statement submitted in accordance with 37 C.F.R. 1.97(b) is not to be construed as a representation that a search has been made, that additional items material to the examination of this application do not exist, or that any one or more of these citations constitute prior art under 35 U.S.C. 102.

The Examiner's attention is respectfully directed to the following U.S. Patents:

| <u>Pat. No.</u> | <u>Pat. Title</u> | <u>Grant Date</u> |
|-----------------|--|-------------------|
| 6,144,327 | PROGRAMMABLY INTERCONNECTED PROGRAMMABLE DEVICES | 11/07/00 |
| 5,202,687 | ANALOG TO DIGITAL CONVERTER | 04/13/93 |

The Examiner's attention is respectfully directed to the following U.S. Patents:

CYPR-CD00196; "A NOVEL BAND-GAP CIRCUIT FOR PROVIDING AN ACCURATE REFERENCE VOLTAGE COMPENSATED FOR PROCESS STATE, PROCESS VARIATIONS AND TEMPERATURE"; 09/26/01; 09/964,991; Kutz et al.

CYPR-CD00201; "A CRYTAL-LESS OSCILLATOR CIRCUIT WITH TRIMMABLE ANALOG CURRENT CONTROL FOR INCREASED STABILITY "; 09/19/01; 09/957,084; Mar et al.

Please direct all correspondence concerning the above-identified application to the following address:

WAGNER, MURABITO & HAO LLP
Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060

Respectfully submitted,

Date: _____

1/17/2003

By: _____



Anthony C. Murabito
Reg. No. 35,295



JAN 21 2003

Patent

Docket No.: CYPR-CD00202

0300

Information Disclosure Statement Transmittal

| | | | |
|--|----------|---|--------------------------|
| I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents and Trademarks, Washington, D.C., 20231, on the below date of deposit. | | | |
| Date of Deposit: | 01/17/03 | Name of Person Making the Deposit: | KATHERINE RINALDI |
| | | Signature of the Person Making the Deposit: | <i>Katherine Rinaldi</i> |

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Information Disclosure Statement Transmittal

Transmitted herewith is the following:

- Formal drawings, totaling sheets.
..... Informal drawings, totaling sheets.
..... Certification for PTO Consideration
☒ Information Disclosure statement (2 sheets)
..... Information Disclosure statement and late filing fee
☒ Form 1449
..... Petition for Extension of Time
☒ Other: References
☒ Other: Related pending US patent applications

| Fee Calculation (for other than a small entity) | | | | |
|---|--|--|----------|---------------|
| Fee Items | | | Fee Rate | Total |
| Petition for Extension of Time (fee calculated elsewhere) | | | \$.00 | \$0.00 |
| Information Disclosure Statement, late filing | | | \$180.00 | \$0.00 |
| Other: | | | | \$0.00 |
| Total Fees | | | | \$0.00 |

PAYMENT OF FEES

1. The full fee due in connection with this communication is provided as follows:
- [X] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.
A duplicate copy of this authorization is enclosed.
- [] A check in the amount of \$
- [] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

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